# SP 49 PIPELINE LLC

## LOCAL TARIFF

Applying on the Interstate Transportation of

# **CRUDE PETROLEUM**

South Pass Block 49 Pipeline System

#### TABLE OF RATES

(RATE IN CENTS PER BARREL OF 42 UNITED STATES GALLONS)

| FROM (Origin)           | TO (Destination)                        | RATE         |
|-------------------------|-----------------------------------------|--------------|
| South Pass Block 50,    | South Pass Block 49 Onshore Facilities, | [I] 63.72    |
| Offshore Louisiana      | Plaquemines Parish, Louisiana           |              |
| South Pass Block 50,[+] |                                         | [U]29.68 [+] |
| Offshore Louisiana      |                                         |              |
| South Pass Block 49,    |                                         | [I] 259.38   |
| Offshore Louisiana      |                                         |              |

[+] Incentive rate applies only for volumes in which entire crude oil production is dedicated to Carrier for life of lease executed before July 1, 2019.

#### **GATHERING CHARGE**

No gathering service will be performed under this tariff. The rate shown herein applies to trunk line transportation only.

### **GRAVITY BANK**

Participation in the Gravity Bank is a requirement of transportation. SP 49 Pipeline LLC is the Operator of the South Pass Block 49 Pipeline System Gravity Bank. For Gravity Bank details applicable to movements shown in this tariff, see pages 2 - 4 of this tariff. Gravity Bank Adjustment Factors applicable to movements shown in this tariff are published in SP 49 Pipeline LLC's F.E.R.C. No. 6.0.0 and successive issues thereof.

The rates published in this tariff are subject to the Rules and Regulations published in SP 49 Pipeline LLC's F.E.R.C. No. [W] 62.0.0 and successive issues thereof. (See Exceptions, Page 2 through 4 hereof.)

The provisions published herein will, if effective, not result in an effect on the quality of the human environment.

Issued in compliance with 18 CFR § 342.3.

Issued: May 29, 2020 Effective: July 1, 2020

Issued by: Compiled by:

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#### **EXPLANATION OF TERMS AND ABBREVIATIONS**

Crude Petroleum......Direct liquid products of oil wells, condensate or a mixture thereof.

## **80 Gravity Bank**

The Carrier has established gravity bank to calculate, collect and remit monetary adjustments among all Shippers tendering within the common stream from changes in gravity which result from common stream operations. A Table of Gravity Adjustment Authorization will be determined by Carrier, as described below. Gravity Adjustment Authorization Tables will be issued as separate tariff filings. Factors in the Gravity Adjustment Authorization Table shall be as published by GRAVCAP, Inc. Carrier will revise Gravity Adjustment Authorization Table only if there has been an increase or decrease made by GRAVCAP, Inc.

An announcement stating the new Gravity Adjustment Authorization Table will be made by tariff filing by Carrier to Shippers. Said Table will be filed to be effective not less than 45 days from the date of change of GRAVCAP, Inc.'s published Gravity Adjustment Authorization Table and upon the first day of the next month after that 45 day period has elapsed.

Carrier shall administer the gravity bank providing adjustments for the value of crudes of different gravities in the manner specified below:

#### I. Common Stream Calculation

At the end of each month, the weighted average gravity value of the gravity bank will be determined for all crude petroleum being received (Receipt Bank) into the commingled common stream system and similarly for the crude petroleum being delivered (Delivery Bank) out of the system. This value will be determined by dividing the total number of barrels received into the sum total of the products obtained by multiplying each receipt volume in such stream by the gravity value per barrel obtained from the gravity value table. Similar calculations will be made with respect to the deliveries.

#### II. Shipper Calculation

At the end of each month, each Shipper's gravity value will be determined by multiplying the quantity of barrels received from such Shipper by the gravity value per barrel obtained from the gravity value table. Similar calculations will be made with respect to the deliveries.

#### III. Receipt Bank

- (a) If the weighted average gravity value per barrel for a Shipper as determined under II is greater than that determined for the common stream under I, the Shipper will be credited an amount which shall be calculated by multiplying the differences in gravity value per barrel by the total barrels received from such Shipper.
- (b) If the weighted average gravity value per barrel for a Shipper as determined in II is less than that determined for the common stream under I, the Shipper will be debited an amount which shall be calculated by multiplying the differences in gravity value per barrel by the total barrels received from such Shipper.
- (c) The sum of debits and credits for all Shippers is zero.
- (d) Carrier will provide at the end of each month a record of the Shipper's calculation and debit or credit amount.

#### IV. Delivery Bank

- (a) If the weighted average gravity value per barrel for a Shipper as determined under II is greater than that determined for the common stream under I, the Shipper will be debited an amount which shall be calculated by multiplying the difference in gravity value per barrier by the total barrels delivered for such shipper.
- (b) If the weighted average gravity value per barrel for a Shipper as determined under II is less than that determined for the common stream under I, the Shipper will be credited an

- amount which shall be calculated by multiplying the difference in gravity value per barrels by the total barrels delivered for such shipper.
- (c) The sum of debits and credits for all Shippers is zero.
- (d) Carrier will provide at the end of each month a record of the Shipper's calculation and debit or credit amount.

# V. Example of Gravity Bank Settlement

## A. Receipt Bank

|                | Shipment                    | Measure                     | Gravity        | Volume x  |
|----------------|-----------------------------|-----------------------------|----------------|-----------|
|                | Volume (Bbls)               | Gravity                     | Value          | Value     |
| <u>Shipper</u> | Received                    | <u>API</u>                  | <u>\$/Bbl*</u> | <u>\$</u> |
| Α              | 50                          | 24.5                        | 3.425          | 171.25    |
| Α              | 20                          | 23.7                        | 3.305          | 66.10     |
|                | 70                          |                             |                | 237.35    |
| В              | 30                          | 24.9                        | 3.485          | 104.55    |
| Total          | 100                         |                             |                | 341.90    |
| * Using exar   | •                           | 0.44000                     |                |           |
| Common Str     | eam Value = 341.90 ÷ 100    | = 3.41900                   |                | Φ.        |
|                |                             |                             |                | \$        |
| Shipper A Ca   |                             |                             |                |           |
| •              | l Average gravity value per | bbl. = $237.25 \div 70 = 3$ | 3.39071        |           |
| <u>`</u>       | - 3.41900) x 70 = -1.98     |                             |                |           |
| Shipper /      |                             |                             |                | 1.98      |
| Shipper B Ca   |                             |                             |                |           |
| ,              | 3.41900) x 30 = 1.98        |                             |                | (4.00)    |
| Snipper        | 3 receives                  |                             |                | (1.98)    |
| Sum of Paym    | nents and Receipts is zero  |                             |                | 0         |

## B. Delivery Bank

| Shipper<br>A<br>A        | Shipment Volume (Bbls) Received 40 29 69 | Measure<br>Gravity<br><u>API</u><br>24.4<br>24.8 | Gravity<br>Value<br><u>\$/Bbl*</u><br>3.410<br>3.470 | Volume x<br>Value<br>\$<br>136.40<br>100.63<br>237.03 |
|--------------------------|------------------------------------------|--------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|
| B Total * Using example: | 29<br>98                                 | 24.2                                             | 3.380                                                | 98.02                                                 |

Using example table

Common Stream Value = 335.05 ÷ 98 = 3.41888

Shipper A Calculation:

Weighted Average gravity value per bbl. =  $237.03 \div 69 = 3.43522$ 

 $(3.43522 - 3.41888) \times 69 = -1.13$ 

Shipper A pays 1.13

Shipper B Calculation:

 $(3.380 - 3.41888) \times 29 = 1.13$ 

Shipper B receives (1.13)

Sum of Payments and Receipts is zero

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| API Grav | Diff   | API  | Diff  | API  | Diff   | API  | Diff   | AAP  | Diff   | API  | Diff   |
|----------|--------|------|-------|------|--------|------|--------|------|--------|------|--------|
|          | \$/Bbl | Grav | \$Bbl | Grav | \$/Bbl | Grav | \$/Bbl | Grav | \$/Bbl | Grav | \$/BbI |
| 13.0     | 1.700  | 18.0 | 2.450 | 23.0 | 3.200  | 28.0 | 3.950  | 33.0 | 4.700  | 38.0 | 5.606  |
| 13.1     | 1.715  | 18.1 | 2.465 | 23.1 | 3.215  | 28.1 | 3.965  | 33.1 | 4.715  | 38.1 | 5.062  |
| 13.2     | 1.730  | 18.2 | 2.480 | 23.2 | 3.230  | 28.2 | 3.980  | 33.2 | 4.730  | 38.2 | 5.064  |
| 13.3     | 1.745  | 18.3 | 2.495 | 23.3 | 3.245  | 28.3 | 3.995  | 33.3 | 4.745  | 38.3 | 5.066  |
| 13.4     | 1.760  | 18.4 | 2.510 | 23.4 | 3.260  | 28.4 | 4.010  | 33.4 | 4.760  | 38.4 | 5.068  |
| 13.5     | 1.775  | 18.5 | 2.525 | 23.5 | 3.275  | 28.5 | 4.025  | 33.5 | 4.775  | 38.5 | 5.070  |
| 13.6     | 1.790  | 18.6 | 2.540 | 23.6 | 3.290  | 28.6 | 4.040  | 33.6 | 4.790  | 38.6 | 5.072  |
| 13.7     | 1.805  | 18.7 | 2.555 | 23.7 | 3.305  | 28.7 | 4.055  | 33.7 | 4.805  | 38.7 | 5.074  |
| 13.8     | 1.820  | 18.8 | 2.570 | 23.8 | 3.320  | 28.8 | 4.070  | 33.8 | 4.820  | 38.8 | 5.076  |
| 13.9     | 1.835  | 18.9 | 2.585 | 23.9 | 3.335  | 28.9 | 4.085  | 33.9 | 4.835  | 38.9 | 5.078  |
| 14.0     | 1.850  | 19.0 | 2.600 | 24.0 | 3.350  | 29.0 | 4.140  | 34.0 | 4.850  | 39.0 | 5.808  |
| 14.1     | 1.865  | 19.1 | 2.615 | 24.1 | 3.365  | 29.1 | 4.115  | 34.1 | 4.865  | 39.1 | 5.082  |
| 14.2     | 1.880  | 19.2 | 2.630 | 24.2 | 3.380  | 29.2 | 4.130  | 34.2 | 4.880  | 39.2 | 5.084  |
| 14.3     | 1.895  | 19.3 | 2.645 | 24.3 | 3.395  | 29.3 | 4.145  | 34.3 | 4.895  | 39.3 | 5.086  |
| 14.4     | 1.910  | 19.4 | 2.660 | 24.4 | 3.410  | 29.4 | 4.160  | 34.4 | 4.910  | 39.4 | 5.088  |
| 14.5     | 1.925  | 19.5 | 2.675 | 24.5 | 3.425  | 29.5 | 4.175  | 34.5 | 4.925  | 39.5 | 5.090  |
| 14.6     | 1.940  | 19.6 | 2.690 | 24.6 | 3.440  | 29.6 | 4.190  | 34.6 | 4.940  | 39.6 | 5.092  |
| 14.7     | 1.955  | 19.7 | 2.705 | 24.7 | 3.455  | 29.7 | 4.205  | 34.7 | 4.955  | 39.7 | 5.094  |
| 14.8     | 1.970  | 19.8 | 2.720 | 24.8 | 3.470  | 29.8 | 4.220  | 34.8 | 4.970  | 39.8 | 5.096  |
| 14.9     | 1.985  | 19.9 | 2.735 | 24.9 | 3.485  | 29.9 | 4.235  | 34.9 | 4.985  | 39.9 | 5.098  |

(Actual Table Filed and Published Separately)

#### VI. Payments

At the end of each Quarter, a statement shall be rendered to each Shipper setting forth the net debit or credit balance of said Shipper's gravity value account and specifying the amount required to be paid (or received) to settle the account.

All payments due from Shippers shall be made within (twenty) 20 days of the statement date. All crude petroleum which is received from a Shipper who has failed to pay such amounts shall be subject to the imposition of a lien to obtain payment of such amounts.

Carrier may, at its option, require the Shipper to pay all estimated obligations in advance or to provide an irrevocable letter of credit satisfactory to the Carrier for such obligations.

Payments to or from the Shippers as a result of Gravity Bank, are not part of the transportation tariff rates of Carrier and said payment shall not be offset or otherwise claimed by any Shipper against sums due Carrier for transportation or other charges collected pursuant to Carrier's tariff rules and regulations.

#### **Rule 115 Inventory Requirements**

Carrier will require each Shipper to supply a prorata share of Crude Petroleum necessary for pipeline fill and working stock for efficient operation of the Carrier's pipeline system prior to Delivery. Based on the total line fill of segment(s) utilized by Shipper, Crude Petroleum provided by a Shipper for this purpose may be withdrawn from the system only after shipments have ceased and if written notice to discontinue shipments in Carrier's system is received on or before the twenty-fifth (25th) day of the month preceding the last calendar month in which the Shipper intends to ship.

#### **EXPLANATION OF REFERENCE MARKS:**

[I] Increased rate

[W] Change in wording only

[U] Unchanged rate